

**REMARKS**

In response to the Notice to Comply, Applicants submit herewith a substitute sequence listing. The substitute sequence listing submitted herewith is identical to the sequence listing filed June 2, 2005, except that the sequences corresponding to SEQ ID NOs: 30 and 31 have been removed because they are identical to the sequences corresponding to SEQ ID NOs: 12 and 15, respectively. Therefore, former SEQ ID NOs: 32-63 have been renumbered as SEQ ID NOs: 30-61, respectively. Additionally, the sequence corresponding to former SEQ ID No: 49, which corresponds to SEQ ID NO: 47 in the substitute sequence listing submitted herewith, has been amended to reflect the correct nucleotide sequence listed as SEQ ID NO: 49 on page 9 of the specification. No new matter has been added.

The specification has been amended to mirror the above-described corrections reflected in the substitute sequence listing submitted herewith. More specifically, SEQ ID NO identifiers for SEQ ID NO: 30 and 31 have been amended to SEQ ID NOs: 12 and 15, respectively, and SEQ ID NOs: 32-63 have been renumbered as SEQ ID NOs: 30-61, respectively. No new matter has been added.

Claims 39-50, 62-65, and 78-89 are currently pending in the application. Claims 44-47 and 78-83 have been amended. More specifically, the claims have been amended to reflect the renumbering of SEQ ID NOs as described above. Support for the amendments to these claims may be found throughout the specification and claims as filed. No new matter has been added.

**CONCLUSION**

Early and favorable consideration of the application is respectfully solicited. The Examiner may address any questions raised by this submission to the undersigned at (617) 832-1000. If any fees are due, the Commissioner is hereby authorized to credit any overpayment or charge any deficiencies to **Deposit Account No. 06-1448, IMA-031.01.**

Dated: January 29, 2009

Respectfully submitted,

/Janann Y. Ali/

Janann Y. Ali, Ph.D.

Registration No.: 54,958

FOLEY HOAG LLP

155 Seaport Blvd

Boston, Massachusetts 02210

(617)832-1000

Agent for Applicants